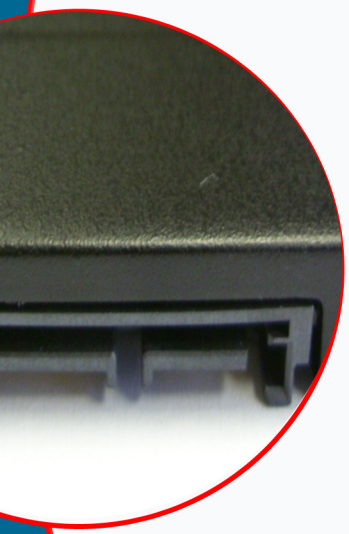
HYPERTEC
MAKING IT PERFORM

www.hypertec.co.uk

Performance Boosting Solid State Drives

Hypertec Solid State Drives are an ideal replacement for applications that require lower power consumption, higher read/write speeds, greater shock resistance and less heat and noise. Hypertec SSDs come in capacities from 32GB to 256GB, in a 2.5" form factor, and with a SATA host interface.

Hypertec Solid State Drives all utilise a 8 channel controller with a 64MB cache writing to MLC flash - delivering read/write speeds in excess of 210/150MB per second, these read/write speeds are approximately 3 times faster than a traditional hard drive.



Features & Benefits of SSDs

High performance, lower power consumption

No moving parts, such as platters and head media - therefore more reliable

Rugged features for industrial PC's in extreme environments

Over 1500G shock resistance

Operates in extreme temperatures (0^0C to 70^0C)

Sequential write up to 150MB/Second

Virtually no heat generated

No noise, no mechanical parts

Product Specification

PERFORMANCE	
Read	210MB / Second
Write	150MB / Second

ENVIRONMENTAL	
Temperature (Storage)	-40^{0}C to 85^{0}C
Temperature (Operating)	0^{0}C to 70^{0}C
Humidity	RH = 95% under 55 C
Shock	1500 G/0.5ms
Vibration	20 G/80-2000Hz
Acoustic	0dB

POWER	
Supply OP. Voltage	5V +/- 5%
Supply Max. Ripple	100mV , 0~30MHz
Power Consumption - Standby	0.5W
Power Consumption - Standby	5.3W

Part Numbers

SSD2032M64SA2 - Hypertec 32GB SATA SSD

SSD2064M64SA2 - Hypertec 64GB SATA SSD

SSD2128M64SA2 - Hypertec 128GB SATA SSD

SSD2256M64SA2 - Hypertec 256GB SATA SSD

t: 0844 879 2282
f: 0844 879 2283
e: info@hypertec.co.uk